Implementation Triangle

Technology

Magnitude of impacts

Barriers
Magnitude, automated driving

- Magnitude always related to impacts
- What to expect?, in 15 years from now......
- % of automated vehicles in the total vehicle fleet?
- Change in travel patterns and travel behaviour?
- Changes in environment, safety, capacity, urban spaces?
- New mobility services (automated cars as public transport)?
• Debate at TRB on Automated Driving; Technology versus Magnitude
• Most public investors (city governments, road agencies) will start investing when there is a clear picture on magnitude
• Until then; the world of subsidies, support by speech, providing some testing facilities....
Barriers related to Automated Driving

• Barriers will make introduction of new technology more difficult
• Some barriers;
• Liability
• Privacy and data handling
• Smartphone or dashboard
• Human factors in relation to unexpected situations
• Security / hacking
Implementation Challenge

- Programme I&M, RWS and TU/e will start in August
- *From Auto Mobility to Smart Mobility*
- Magnitude related to focus on *users*
- Barriers related to *focus on governance*
- Perspective on *transition and implementation processes*